

# Work Order ID 68423

Wednesday, April 13, 2011 9:12:27 AM



## PRELIMINARY ISSUE

Page 1

Item ID:	D4355-1	Accept		Setup	Start	
Revision ID:	PRELIM					
Item Name:	Bearpaw				Stop	
Start Date:	4/14/2011	Start Qty:	2.00			
Required Date:	4/19/2011	Req'd Qty:	2.00			
Reference:	11.04.13					
Approvals:	Process Plan:	Date:	Tooling:	Date:	Run	Start
	QC:	Date:	SPC (Y/N):	Date:		Stop

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D4355	PA1								

120		0.00							
	FLOW WATER JET								
Waterjet	Memo	0.00							
FLOW CNC Waterjet	Cut Blank as per D4355-1 File								
1' u4mw									

B11-4-14  
B11-4-18-① (2)

130		0.00							
	HAAS CNC VERTICAL MACHINING #1								
HAAS 1	Memo	0.00							
HAAS CNC vertical machine #1	1-Inspect material for defects or damage prior to machining 2-Machine as per FolioFB049 and Dwg FOLIO REV: DWG REV: PA1								
	3-Deburr								

11/04/18

2 1

**Work Order ID 68423**

Wednesday, April 13, 2011 9:12:27 AM



Page 2

Item ID: D4355-1

Accept



Setup Start



Revision ID: PRELIM

Stop



Item Name: Bearpaw

Start Date: 4/14/2011 Start Qty: 2.00



Cust Item ID:

Required Date: 4/19/2011 Req'd Qty: 2.00



Customer:

Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Run Start



QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
140  QC Quality Control	QC2- Inspect parts off machine FAI/FAIB  Memo	0.00  0.00		<i>2/11/04/18</i>		<del>2</del> 1	<del>2</del> 1		
150  QC Quality Control	QC8- Inspect parts - second check  Memo	0.00  0.00		<i>2/11/04/18</i>		<del>2</del> 1	<del>2</del> 1		
151  Packaging Packaging	Identify as per dwg & Stock Location: <i>Eng</i> <i>cell</i> Memo	0.00  0.00		<i>2/11/04/18</i>		<del>2</del> 1	<del>2</del> 1		

**Work Order ID 68423**

Wednesday, April 13, 2011 9:12:27 AM

Page 3

Item ID: D4355-1

Accept

Revision ID: PRELIM

Item Name: Bearpaw

Start Date: 4/14/2011 Start Qty: 2.00

Required Date: 4/19/2011 Req'd Qty: 2.00

Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Run Start

Stop

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

190

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

*11.04.21***POSITIVE RECALL**EFFECTIVE 11.04.14 AUTH   RELEASED    DATE   *Scrap Eng Lab 11.06.02*

# Picklist Print

Page 1

Wednesday, April 13, 2011 9:12:23 AM

Work Order ID: 68423



Parent Item: D4355-1



Parent Item Name: Bearpaw

Start Date: 4/14/2011

Required Date: 4/19/2011

Start Qty: 2.00

Required Qty: 2.00

Comments: IPP REV:A NEW ISSUE 11-04-11 JLMN VERIFIED BY:DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

MUHMWB10

Purchased

No

120

sf

304.0000

5.3

11.15789



11-4-14

11-4-18

1

UHMW 1" Black

Location

Loc Qty

Loc Code

MAT018

304

116554

8

116797

56

117321

240

116797

2

DART AEROSPACE LTD		Work Order: 68423
Description: BEAR PAW		Part Number: D4355-1
Inspection Dwg: D4355, Rev: PA1		Page 1 of 1

### FIRST ARTICLE INSPECTION CHECKLIST

☒ First Article ☒ Prototype

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
.38	$\pm .030$	.385	—		Vern ML-7	
2.76	$\pm .030$	2.766	✓		"	
5.14	$\pm .030$	5.140	—		"	
1.75	$\pm .030$	1.760	—		"	
9.825	$\pm .010$	9.823	—		Vern CML-02	
.95	$\pm .030$	.960	—		Vern ML-02	
.63	$\pm .030$	.605	—		"	
.20	$\pm .030$	.200	—		"	
.30 X 45°	$\pm .030 \times \frac{1}{2}^\circ$	.275 X 45°	—		"	
1.38	$\pm .030$	1.380	—		"	
.75	$\pm .030$	.753	—		"	
27.00	$\pm .030$	27.000	—		M-type ML-02	
2.312	$\pm .005$	2.315	—		Vern ML-7	
9.125	$\pm .005$	9.130	—		Vern CML-02	
2.313	$\pm .005$	2.316	—		"	
4.000	$\pm .005$	4.000	—		"	
6.625	$\pm .005$	6.630	—		"	
1.22	$\pm .030$	1.214	—		"	
9.88	$\pm .030$	9.895	—		"	
4.250	$\pm .005$	4.253	—			
24.00	$\pm .030$	24.000	—		M-type ML-02	
.25	$\pm .030$	.220	—		Vern ML-7	
.07 X 45°	$\pm .030 \times \frac{1}{2}^\circ$	.060 X 45°	—		"	

Measured by: <i>Amf</i>	Audited by: <i>[Signature]</i>	Prototype Approval: —
Date: 11/04/18	Date: 11/04/18	Date: —

Rev	Date	Change	Revised by	Approved
A		New Issue	KJ/JLM	





DART AEROSPACE LTD		Work Order: 68423
Description: BEAR PAW		Part Number: D4355-1
Inspection Dwg: D4355, Rev: PA1		Page 1 of 1

### FIRST ARTICLE INSPECTION CHECKLIST

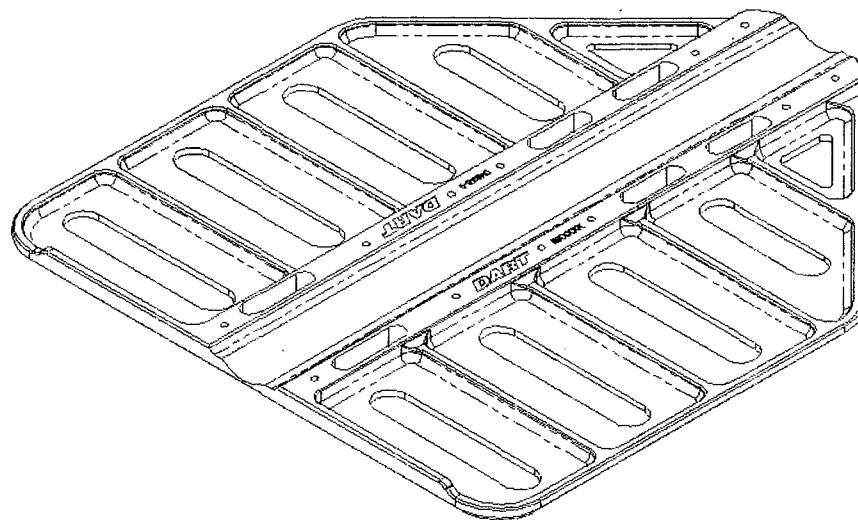
☒ First Article ☒ Prototype

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
.38	±.030	.385	—		Vern ML-7	
2.76	±.030	2.766	—		"	
5.14	±.030	5.140	—		"	
1.75	±.030	1.756	—		"	
9.825	±.010	9.815	—		Vern CML-02	
.95	±.030	.920	—		Vern ML-07	
.63	±.030	.530		—	"	
.20	±.030	.200	—		"	
.30 X 45°	±.030 X 1/2°	.270 X 45°	—		"	
1.38	±.030	1.381	—		"	
.75	±.030	.754	✓		"	
27.00	±.030	27.000	—		M-type ML-2	
2.312	±.005	2.310	—		Vern ML-07	
9.125	±.005	9.127	—		Vern CML-02	
2.313	±.005	2.310	—		"	
4.000	±.005	4.000	—		"	
6.625	±.005	6.630	—		"	
1.22	±.030	1.210	—		Vern ML-7	
9.88	±.030	9.875	—		Vern CML-02	
4.250	±.005	4.250	—		"	
24.00	±.030	24.000	—		ML-02 M-type	
.25	±.030	.227	—		Vern ML-7	
.07 X 45°	±.030 X 1/2°	.055 X 45°	—		"	

Measured by: <i>cmk</i>	Audited by: <i>[Signature]</i>	Prototype Approval: <i>—</i>
Date: 11/04/18	Date: 11.04.18	Date: <i>—</i>

Rev	Date	Change	Revised by	Approved
A		New Issue	KJ/JLM	

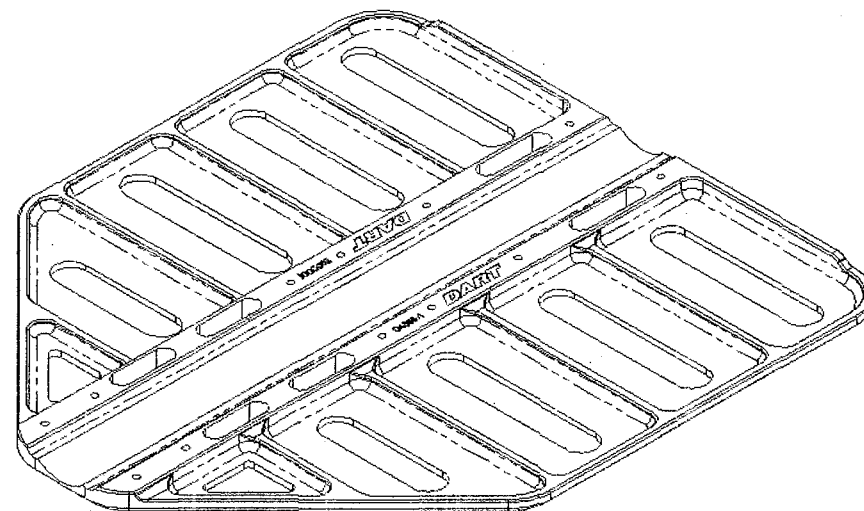




**D4355-1 206L/407 BEARPAW**

**PRELIMINARY A1**  
11.03.30 AJS

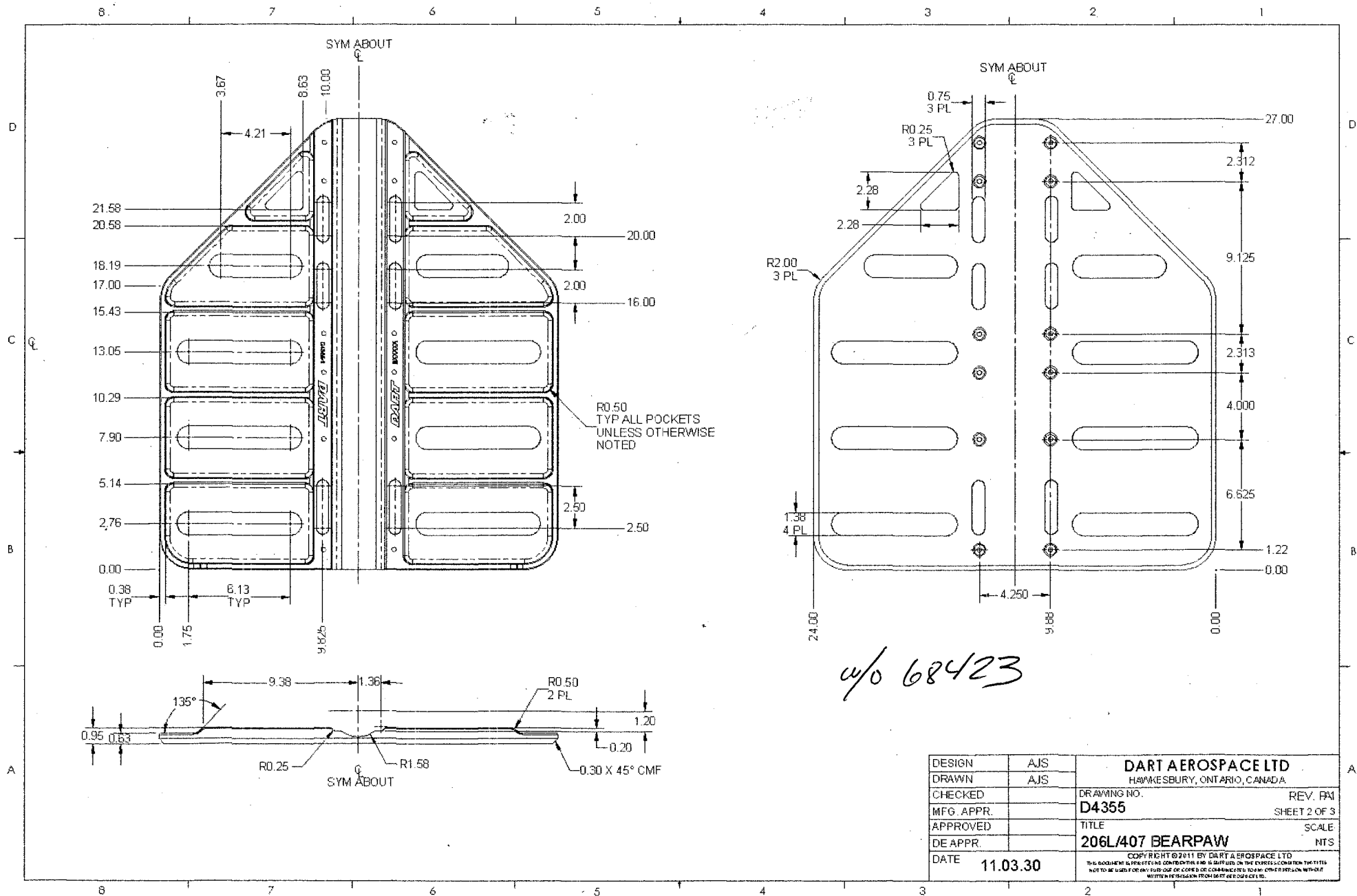
*w/o 68423*



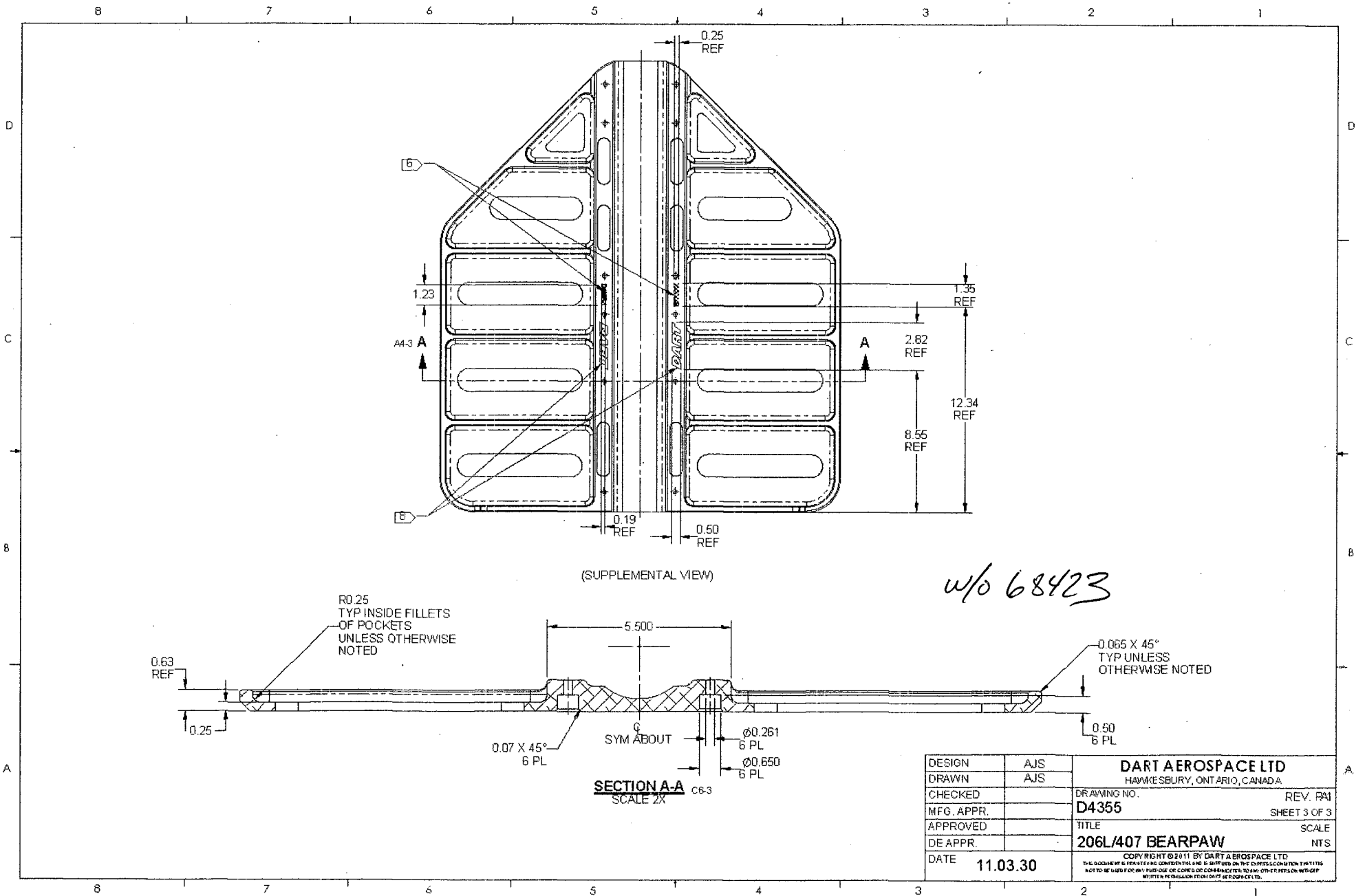
**NOTES:**

- 1) MATERIAL: UHMWBLACK SPEC CONTROL DRAWING D2689, 1.000 THICK.
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: ENGRAVE WITH DART P/N "D4355-1" AND B/N "BXXXXX"  
0.010 - 0.012 DP AS SHOWN
- 7) WEIGHT: 8.41 lbs
- 8) ENGRAVE "DART" LOGO AS SHOWN 0.04 - 0.05 DP.

PA1	NEW ISSUE	AJS	11.03.30
REV.	DESCRIPTION	BY	DATE
DESIGN	AJS	<b>DART AEROSPACE LTD</b> HAMKESBURY, ONTARIO, CANADA	
DRAWN	AJS		
CHECKED		DRAWING NO.	REV. PA1
MFG. APPR.		<b>D4355</b>	SHEET 1 OF 3
APPROVED		TITLE	SCALE
DE APPR.		<b>206L/407 BEARPAW</b>	NTS
DATE	<b>11.03.30</b>	COPYRIGHT © 2011 BY DART AEROSPACE LTD THIS DOCUMENT IS UNCLASSIFIED AND IS RELEASED ON THE EXPRESS CONDITION THAT THE TITLE MAY BE USED FOR ANY PURPOSE OF COMMERCE OR INDUSTRY TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	



DESIGN	AJS	<b>DART AEROSPACE LTD</b>	
DRAWN	AJS	HAMMESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. RM
MFG. APPR.		<b>D4355</b>	SHEET 2 OF 3
APPROVED		TITLE	SCALE
DE APPR.		<b>206L/407 BEARPAW</b>	NTS
DATE	11.03.30	COPYRIGHT © 2011 BY DART AEROSPACE LTD	
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## Receiving Report

Date: 11/2/3  
 Supplier: SABIC

Batch No: 3116797  
 Part P/O: 13263

Packing Slip: Yes ☒ No ☐  
 Invoice: Yes ☐ No ☒  
 Receipt: Cash ☐ Cr ☒

Release Note Attached: Yes ☒ No ☐ N/A ☐  
 Waybill Attached: Yes ☒ No ☐  
 Shipment Complete: Yes ☒ No ☐ N/A ☐  
 QC6 Inspection ☒ N/A ☐  
 Work Order 810204 N/A ☒

### Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments

Initials of receiver (if shipment OK) Level 12 [Signature]

Production/Admin: 11/2/3  
 Date [Signature]  
 Received/Costing [Signature]  
 Initial [Signature]

Location \_\_\_\_\_

\*\*\* SHIPPER \*\*\*  
\*\*\* Conversion/Fabrication \*\*\*  
\*\* REPRINT \*\*

A/C 13.38

1250 010 Unit 519  
Ottawa, Ontario K1B 5L3  
PST 85637 2757 720001  
PHONE: (613) 745-2043 FAX: (613) 745-4291

Page: 1

SOLD TO: DART AEROSPACE LTD

SHIP TO: DART AEROSPACE LTD

1270 ABERDEEN STREET  
HAWKESBURY ON K6A 1K7  
Canada

1270 ABERDEEN STREET  
HAWKESBURY ON K6A 1K7  
Canada  
1-613-632-5200

Our Order No	Customer	GST License	PST License	Invoice Terms	Ordered	Shipped	Taken By	RDD
094802	DABAER	CHARGE GST	6112-5207	NET 30 DAYS	26.01.11		melkerrd	02.02.11
Ship.Doc.No	Salesrep	Customer P.O.#	Shipped Via	P.O.E.	Freight Terms	Inv. No.	Ship Date	
01	93	P013353	T S T		COLLECT		02.02.11	
Ln#	Location	Ord	B/O	Ship Sku	Product Code	Description	U/Price	

\*\*\*\*\*  
DELIVERIES TO BE DONE BEFORE  
4:00 PM . ADVISE SHIPPING CO.  
\*\*\*\*\*

001 6 93314755 TIVAR 1000 PLATE - BLACK  
1.000 X 46 X 120 - +.020/

002 1 9 1 EA 0000005 THANK YOU FOR SELECTING  
SABIC POLYMERSHAPES

*Cu/2/3*

LINE NO.	RECEIVING NO.	PICKED BY	DATE	SHIPPED BY	DATE	VERIFIED	DATE

NO GOODS TO BE RETURNED WITHOUT APPROVAL FROM SABIC. ALL DISCREPANCIES MUST BE REPORTED WITHIN 10 DAYS.  
ALL RETURNS MUST HAVE VALID RETURNED GOODS AUTHORIZATION NUMBER CLEARLY MARKED ON ALL PACKAGES.

## CERTIFICATE OF COMPLIANCE

SOLD TO: DART AEROSPACE LTD

DATE: JANUARY 26, 2011

YOUR PURCHASE ORDER: PO13363

OUR SHIPPER NO: 094802

SABIC POLYMERSHAPES LINE ITEM # 001

QUANTITY: 6 SHEETS

*S. W. Lopez*


DESCRIPTION: TIVAR 1000 COLOURED PLATE BLACK 1" PLANED-FLYCUTTER, +.020-0

THESE PARTS WERE MANUFACTURED IN ACCORDANCE WITH:

QUADRANT PRODUCT SUPPLIED UNDER THIS ORDER MEETS: ASTM D 4020-05 WITH A  
MOLECULAR WEIGHT OF 3.0 TO 6.2 MILLION G/MOL

THIS IS TO CERTIFY THAT THE MATERIAL FINISHES AND FUNCTIONAL REQUIRMENTS OF  
THE ABOVE LISTED PARTS ARE IN ACCORDANCE WITH THE REFERENCE PROCUREMENT  
SPECIFICATIONS, CONTROL DRAWINGS OR PARTS DESIGNATION AND LATEST  
REVISIONS AS REFERENCED ON THE SUBJECT PURCHASE ORDER.

AUTHORIZED REPRESENTATIVE SIGNATURE



DARLEEN MELKERT  
INSIDE SALES REPRESENTATIVE



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID PO13363

Purchase Order Date 1/26/11

PO Print Date 1/26/11

Page Number 1 of 1

Order From :

VC-GEPO01

SABIC POLYMERSHAPES  
9150 AIRPORT ROAD  
BRAMPTON, ON L6S 6G1  
CA

Contact Name

Vendor Phone 800 267 1575

Vendor Fax 613 745 4291

Vendor Account Nbr

Buyer

Requisition Nbr

Tax Resale Nbr

Terms

Currency

FOB

Chantal Lavoie

10127-2607

Net 30

CAD

Destination-Collect

Ship To :

DART AEROSPACE LTD

1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

**FAKED**  
*FC 1/10/11*

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	MUHMWB10	UHMW 1" Black	1/31/11 Yes	240.00 sf	TST ground	\$20.2700	\$4,864.80

Special Inst: MATERIAL: UHMW BLACK TIVAR 1000  
VIRGIN MATERIAL.  
MANUFACTURER: POLY HI SOLDUR

PO Total:

\$4,864.80

*Pu/2/3*

MATERIAL CERTIFICATION  
REQ'D UPON DELIVERY

Change Nbr: 1

Change Date: 1/26/11

No substitution or deviation without  
consent.  
Certificate of Conformity or Material  
Certification required when applicable



TRANSMISSION VERIFICATION REPORT

TIME : 01/26/2011 09:51  
NAME :  
FAX :  
TEL :  
SER.# : F9N212739

DATE, TIME	01/26 09:51
FAX NO./NAME	16137454291
DURATION	00:00:18
PAGE(S)	01
RESULT	OK
MODE	STANDARD
	ECM



SABIC  
Polymershapes

To: CHANTAL LAVOIE  
Company: (DART AEROSPACE LTD)  
Fax Number: 1-613-632-5246  
Phone Number:

From: Darleen Melkert  
Fax Number: 613-745-4291  
Phone Number: 613-745-7043

Time Sent: Wednesday, Jan 26, 2011 10:11AM  
Pages: 2  
Description: Order: 094802

REVISED ORDER CONFIRMATION

**SABIC**  
**Polymershapes**

**ORDER  
CONFIRMATION**

ORDER	094902
Date	26.01.11
GST Registration #	856372750RT0001
Taken By:	welkstd

**Sold To**

DART AEROSPACE LTD  
1270 ABERDEEN STREET  
BARKESBURY, ON K6A 1K7  
Canada

**Ship To**

DART AEROSPACE LTD  
1270 ABERDEEN STREET  
BARKESBURY ON K6A 1K7  
Canada

Customer DARAER	Ship Via T & T	TAX LIC 1 CHARGE GST	TAX LIC 2 6112-5207	A/R Terms NET 30 DAYS	F. O. B.	A/C	Page 1
P. O. # 9013363	Expiry Date 25.01.13	Freight Terms COLLECT	Sales Representative 93	Sched Ship 02.02.11	Dept.		
Product	Quantity	SKU	Description	Price	Per	Extension	
93214755	6	SET	TIVAR 1000 PLATE - BLACK 1.000 X 48 X 120 - +.020/	\$10.80	SET	4864.80	
9900005	1	EA	THANK YOU FOR SELECTING SABIC POLYMERSHAPES	.00	EA	0.00	
Subtotal						4864.80	
NEW EST FOR ONTARIO						632.42	
* ORDER CONFIRMATION * Total						5497.22	
<p>This is to verify receipt of the above-referenced order. Upon acceptance of the order, SABIC Polymershapes will fill the order on its standard terms and conditions of sale unless, prior to shipment of all or part of this order, you provide written objections to such standard terms and conditions of sale or unless other terms have been agreed to in writing signed by SABIC Polymershapes.</p>							
30.12.21							
<p>SABIC Polymershapes 1250 Old Innes Rd., Unit 519 Ottawa, Ontario K1B 6L3 PST 85637 2760 TR0001 Phn : (613)745-7083 Fax : (613)745-4281</p>							

# SABIC Polymershapes

## ORDER CONFIRMATION

ORDER	094802
Date	26.01.11
GST Registration #	856372750RT0001
Taken By:	melkertd

Sold To

DART AEROSPACE LTD

1270 ABERDEEN STREET  
HAWKESBURY, ON K6A 1K7  
Canada

Ship To

DART AEROSPACE LTD

1270 ABERDEEN STREET  
HAWKESBURY ON K6A 1K7  
Canada

Customer	Ship Via	TAX LIC 1	TAX LIC 2	A/R Terms	F. O. B.	Page
DARAER	T S T	CHARGE GST	6112-5207	NET 30 DAYS		1
P. O. #	Expiry Date	Freight Terms	Sales Representative	Sched Ship	Dept.	
PO13363	25.01.13	COLLECT	93	02.02.11		
Product	Quantity	SKU	Description	Price	Per	Extension
93314755	3	SHT	TIVAR 1000 PLATE - BLACK 1.000 X 48 X 120 - +.020/	810.80	SET	2432.40
0000005	1	EA	THANK YOU FOR SELECTING SABIC POLYMERSHAPES	.00	EA	0.00
Subtotal						2432.40
NEW HST FOR ONTARIO						316.21
* ORDER CONFIRMATION * Total						2748.61
<p>This is to verify receipt of the above-referenced order. Upon acceptance of the order, SABIC Polymershapes will fill the order on its standard terms and conditions of sale unless, prior to shipment of all or part of this order, you provide written objections to such standard terms and conditions of sale or unless other terms have been agreed to in writing signed by SABIC Polymershapes.</p>						
31.12.21						
<p>SABIC Polymershapes 1250 Old Innes Rd., Unit 519 Ottawa, Ontario K1B 5L3 PST 85637 2750 TR0001 Phn : (613)746-7043 Fax : (613)746-4281</p>						



SABIC  
Polymershapes

---

To: CHANTAL LAVOIE  
Company : (DART AEROSPACE LTD)  
Fax Number : 1-613-632-1053  
Phone Number :

From : Darleen Melkert  
Fax Number : 613-745-4291  
Phone Number 613-745-7043

Time Sent : Wednesday, Jan 26, 2011 09:19AM  
Pages : 2  
Description : Order: 094802

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PLEASE NOTE DELIVERY IS EXPECTED FOR FEBRUARY 2/ 11.

THANK YOU  
DARLEEN

# TST Overland Express

Division of TST Solutions, P.  
Une division de TST Solutions LP  
DUNS No. 2153 (000000000000000000)

P.O. Box 2030, Station A, Mississauga, Ontario L4V 1G3  
C.S.T.A. 144612488  
Overland Express International Inc. (CNEA)  
2091 Zoroaster Avenue, Cleveland, Ohio 44115-2911

2153



736-8681516 3

P/H Trailer - Unite Cueil		LMT Trailer - Unite Route		2153	
959314		0007451		NS	
Manifest From - Manifest de		To - À		Bill of Lading No. - N° de Connaissance	
Consignee - Consignataire		Shipper - Expéditeur		Purchase Order No. - N° de Commande	
DART AEROSPACE LTD		SABIC POLYMERSHAPES		OTT MTL 3	
1270 ABERDEEN STREET		1250 OLD INNES RD UNIT 519		Declared Value - Valeur déclarée	
HAWKESBURY, ON K6A 1K7		OTTAWA, ON K1B 5L3		Type - Genre	
				STD 0 02	

Bill To - Facture à		Origin Carrier - Premier Transporteur		OAC Pro No. - N° Facture P/T	

Pieces - Coils	H.M.	Description	Weight - Poids	Rate - Taux	Charges - Frais
2		FUEL SURCHARGE			COLLECT
		Printed on 02/02/2011 @ 07:43			
		** COLLECT **			

2 Total Pieces		GST# 144612488		Total Weight		2,000		Total Charges		COLLECT	
Coils total				Poids total				Frais totaux			

Print Last Name		A TransForce Company		Connecting Carrier - Please - Prevenir this Amount		Any loss or damage must be noted on pre bill at time of delivery. Otherwise consignee's signature will constitute clear receipt.		C.O.D. Cash or Certified Cheque Only - Driver Collect This Amount		P.S.I.	

Received in Apparent Good Order - Reçu sans Avoir Apparente		Date		Time In		Time Out		Unit - Unité		Driver - Chauffeur	

Signature Copy - Copie de Signature

050-090.0406